

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000776

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 G06F 11/00**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2003-46581 A (Electronics and Telecommunications Research Institute) 18 JUNE 2003 See the whole document	1-4
A	US 2003/14664 A1 (Daavid Hentunen, Helsinki) 16 JANUARY 2003 See the whole document	1-18
A	US 2002/144141 A1 (James W. Edwards et al.) 3 OCTOBER 2002 See the whole document	1-18
A	JP 2001-216161 A (International Business Machines Corp.) 10 AUGUST 2001 See the whole document	1-18
A	JP 2003-288129 A (SUNATMARK) 10 OCTOBER 2003 See the whole document	1-18

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

12 JULY 2005 (12.07.2005)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2005/000776

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 2003-46581A	18.06.2003	None	
US2003/14664A1	16.01.2003	EP1271283A3 EP1271283A2	03.09.2003 02.01.2003
US2002/144141A1	03.10.2002	None	
JP2001-216161A	10.08.2001	US20010013094A1	09.08.2001
JP2002-288129A	10.10.2003	None	